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**SIEMENS****FACSIMILE COVER SHEET**In the UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Vinod Philip

Application No. **10/733,740**

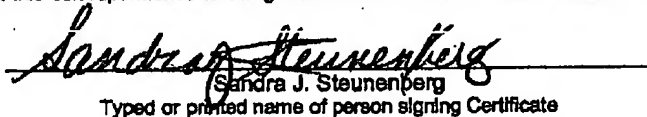
Attny Docket No: 2003P15291US

Filed: 12/11/2003

Title: Repair of Zirconia-Based Thermal Barrier Coatings

Examiner: Katherine A. Bareford

Art Unit: 1762

➔ **FACSIMILE ATTN TO: KATHERINE A. BAREFORD FAX NO.: 703-872-9306****RESPONSE TO FINAL OFFICE ACTION**Commissioner for Patents  
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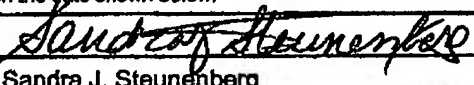
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/733,740
		Filing Date	12/11/2003
		First Named Inventor	Vinod Phillip
		Art Unit	1762
		Examiner Name	Katherine A. Bareford
Total Number of Pages in This Submission	5	Attorney Docket Number	2003P15291US

ENCLOSURES (check all that apply)		
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**SIEMENS**PATENT  
Attorney Docket No. 2003P15291US**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Inventor: V. Philip )

Serial No.: 10/733,740 )

Filed: November 12, 2003 )

Group Art Unit: 1762

Examiner: K. Bareford

Title: REPAIR OF ZIRCONIA-BASED THERMAL BARRIER COATINGS

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO FINAL OFFICE ACTION**

In response to the final Office Action mailed April 18, 2005, Applicants respectfully submit the following amendments and remarks in connection with the above-identified application to place the claims in condition for allowance or to place the claims in better form for appeal should the Examiner dispute the patentability of the amended claims.